

Application Number 09/629,892
Amendment dated June 18, 2004
Reply to Office action of March 16, 2004

R-E-M-A-R-K-S

The Examiner states that Claims 1-13 and 19 are objected to because of various informalities.

More precisely, the Examiner states that at line 5 of Claim 1 "at least one tunable down converter unit" should be amended by --at least one of tunable converter units--.

The Applicant has amended "at least one tunable down converter unit" by --a plurality of tunable down converter units--.

The Examiner further states that at line 8 of Claim 1 "at least one tunable filter" should be amended by --at least one of tunable filters--.

The Applicant has amended "at least one tunable filter" by --a plurality of tunable filters--.

The Examiner states that at line 11 of Claim 1 "a selected RF receiver unit" should be amended by --a selected one of plurality of said RF receiver units--. The Applicant has amended "a selected RF receiver unit" to read --a selected one of said plurality of RF receiver units--.

The Examiner states that at line 12 of Claim 1 "unit" should be amended by --units--. Accordingly the Applicant has made the amendment.

The Examiner states that at line 14-15 of Claim 1 "one of a plurality of at least one tunable down converter unit" should be amended by --one of at least one of said tunable down converter units--. Accordingly the Applicant has amended "one of a plurality of at least one tunable down converter unit" to read --one of said plurality of tunable down converter units--.

The Examiner states that at line 17 of claim 1 "filter" should be amended by --filters--. Accordingly the Applicant has made the amendment.

Applicant has further amended Claim 2, line 2, Claim 8, line 1 and Claim 9, line 2, respectively, "said RF units" to read --said RF receiver units--.

In order to comply with the amendments made above, the Applicant has further amended "from one of said at least one tunable down converter units" to

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read --from one of said plurality of tunable down converter units-- at line 9 of Claim 1.

Furthermore, the Applicant has amended "to a selected one of at least one of tunable down converter unit" to read --to a selected one of said plurality of tunable down converter units-- at line 12 of Claim 1.

The Applicant has further amended "a selected one of a plurality of at least one of said tunable filter" to read --a selected one of said plurality of tunable filters-- at line 16 of Claim 1.

The Applicant has further amended "said tunable down converter" to read --said tunable down converters-- at line 8 of claim 3.

The Applicant has further amended "said tunable down converter" to read --said tunable down converters-- at line 8 of claim 4.

The Applicant has amended "wherein said plurality of tunable filters is an N tap FIR filter" to read --wherein a tunable filter of said plurality of tunable filters is an N tap FIR filter-- at lines 1-2 of claim 10.

The Applicant has amended "each of said RF receiver unit" to read --each of said RF receiver units-- at lines 1-2 of claim 12.

In view of the foregoing amendments, the objections related to informalities in Claims 2-13 and 19 are now overcome.

The Examiner has rejected Claims 14-17 under 35 U.S.C. 103(a) as being anticipated by Bexten (US Patent N°6,205,133) in view of Philips et al. (US Patent N°6,072,994).

The Examiner states that Bexten does not teach receiving at least one selected channel input signal and interpreting the signal to provide parameters for the tunable down converter unit, filter unit and the switch. The Examiner further states that Philips et al. teaches a programmable receiver (106 in Fig. 3) comprising down converting, filtering and switching, which is programmable. The Examiner then states that as the receiver disclosed by Philips et al. is programmable, it is inherent that an input signal is provided to the receive module in order to program the components as requested, which may be at least

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one selected channel input signal to configure the components to receive signals from a certain channel with a specified frequency bandwidth.

The Applicant courteously disagrees with the Examiner.

The Applicant believes that Philips et al do not teach receiving at least one channel input signal and **interpreting** the signal to provide parameters for the tunable down converter unit, the filter unit and the switch.

In fact, the Applicant points out that at Column 19, lines 16-30, it is disclosed that "*The common receive module 106 uses analog RF/IF and digital signal processing to perform the necessary frequency translation, demodulation and bit stream formatting to a signal carrying the desired information to be conveyed*". The Applicant therefore points out that there is no such step of interpreting the received signal to provide parameters for said at least one tunable down converter unit, for said at least one tunable filter and for said switch. The step of interpreting is therefore not obvious as it requires a **knowledge** of a relation between the at least one selected channel input signal and the at least one tunable down converter unit, the at least one tunable filter and the switch.

In fact, the Applicant further points out that the step of "switching said switch in order to connect one of said RF receiver units to one of said tunable down converter units using said parameters" is neither taught nor suggested by Philips et al. or by Bexten.

The Applicant points out that a claim is obvious in view of two references if clear indications are given to combine the two references to provide an embodiment which falls into the scope of the claim. In such case, the Applicant believes that the step of interpreting the received at least one selected channel input signal and the step of switching the switch are not taught or suggested by Philips et al. or by Bexten.

The Applicant therefore believes that claim 14 is not obvious and hence patentable in view of Philips et al. and Bexten.

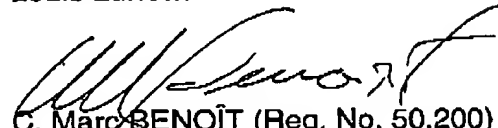
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In view of the foregoing, reconsideration of the rejection of claims 14-17 is respectfully requested. A Notice of Allowance is earnestly solicited.

Respectfully submitted,

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